

# METTL2A Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57275

## Product Information

<b>Application</b>	WB, IHC-P, IHC-F, IF, ICC, E
<b>Primary Accession</b>	<a href="#">Q96IZ6</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	43537
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human METTL2A
<b>Epitope Specificity</b>	1-100/378
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SIMILARITY</b>	Belongs to the methyltransferase superfamily. METL family.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

## Additional Information

<b>Gene ID</b>	339175
<b>Other Names</b>	tRNA N(3)-methylcytidine methyltransferase METTL2A, 2.1.1.-, Methyltransferase-like protein 2A, METTL2A {ECO:0000303   PubMed:28655767, ECO:0000312   HGNC:HGNC:25755}
<b>Dilution</b>	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## Protein Information

<b>Name</b>	METTL2A {ECO:0000303   PubMed:28655767, ECO:0000312   HGNC:HGNC:25755}
<b>Function</b>	S-adenosyl-L-methionine-dependent methyltransferase that mediates N(3)-methylcytidine modification of residue 32 of the tRNA anticodon loop of

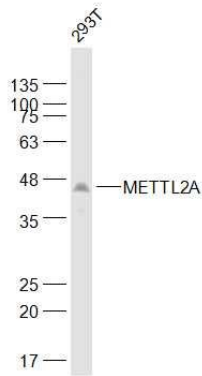
tRNA(Thr)(UGU) and tRNA(Arg)(CCU) (PubMed:[28655767](#), PubMed:[34268557](#)).  
N(3)-methylcytidine methylation by METTL2A requires the  
N6-threonylcarbamoylation of tRNA (t6A37) by the EKC/KEOPS complex as  
prerequisite (PubMed:[34268557](#)).

**Cellular Location**

Cytoplasm.

## Images

---



**Sample:**

293T(Human) Cell Lysate at 30 ug

Primary: Anti-METTL2A (AP57275) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at  
1/20000 dilution

Predicted band size: 44 kD

Observed band size: 44 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.